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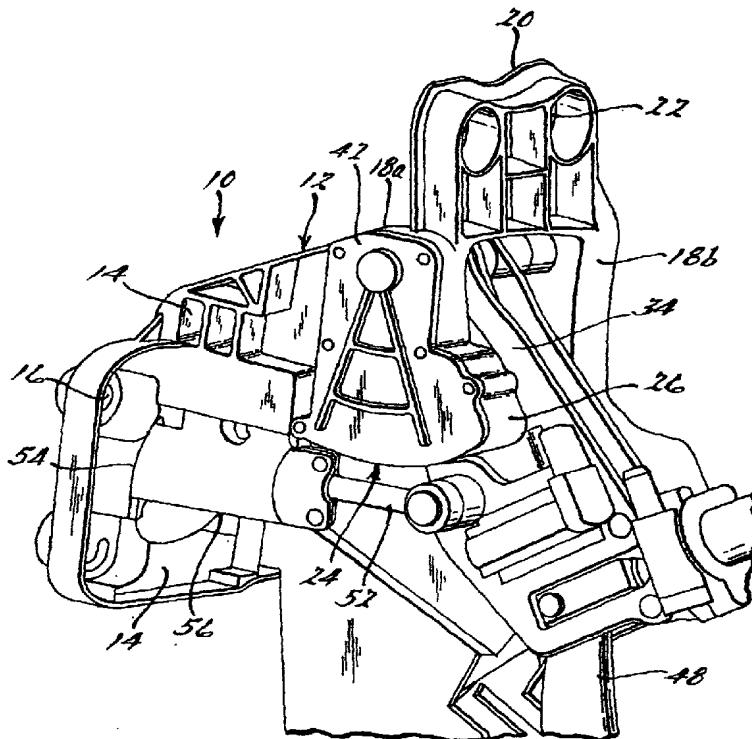
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(54) Title: SUPPORT BRACKET WITH AN INTEGRATED SWITCH FOR A PEDAL ASSEMBLY



(57) Abstract: A support bracket with an integral switch for a brake pedal assembly for a vehicle is provided. The support bracket includes a generally planar mounting face having at least one aperture for securing the support bracket to the vehicle. The brake pedal assembly includes a pivot means a pedal arm and a pedal link pivotally mounted onto the pivot means, and operatively connected to the pedal arm. At least one pair of contact posts is disposed on the pedal link and positioned to extend therethrough the corresponding arcuate slot in the integral switch housing. The support bracket further includes a switch cover plate enclosing the integral switch portion of the first side wall. A switching means is operatively disposed on an inside surface of the cover plate, and is in electrical communication with the contact posts as the contact posts travel within the arcuate slot in response to movement of the pedal arm, to electrically engage the switching means and sends an electrical signal to an associated vehicle component.



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